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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 5 — MONTANA RECORD PUBLISHING CO. HELENA, MONTANA — MAY, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of May 1962, averaged 86,180 barrels daily, an increase of 629 barrels from the average April production of 85,551.

The nine refineries in the State processed 66,271 barrels of crude oil daily for the month of May, 1962, a decrease of 2,423 barrels from the 68,694 barrels processed daily during the month of April 1962.

During May, 30 wells were completed, 13 oil, 0 gas well and 17 dry holes.

During May the commission issued 40 permits to drill new wells, an increase of 4 from the 36 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF MAY, 1962

IN STORAGE MAY 1st:	
By Producers	366,123
By Transporters	936,698
By Refiners	743,997
TOTAL STORAGE	2,046,818
Produced in Montana During Month	2,671,595
Imported During Month	1,237,980
TOTALS	5,956,393
DISPOSITION:	
Refined in Montana	2,054,410
Exported	1,748,239
Used for Fuel or Lost	4,502
TOTAL	3,807,151
IN STORAGE MAY 31st:	
By Producers	405,720
By Transporters	1,057,297
By Refiners	686,225
TOTAL STORAGE	2,149,242

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1962

Field	M Cu. Ft.
Bears Den	0
Big Coulee	59,397
Bowdoin	100,177
Bowes	98,317
Box Elder	0
Cabin Creek	91,163
Cedar Creek	200,627
Clarks Fork	0
Cut Bank (including Reagan)	591,685
Devon	0
Dry Creek	113,197
Elk Basin	21,862
Flat Coulee	11,123
Golden Dome	3,168
Grandview	0
Hardin	4,662
Havre	0
Keith Block	256,421
Kevin Sunburst	53,267
Pine	64,251
Plevna	15,024
Utopia	0
Whitlash	63,715
Miscellaneous	17,234
TOTAL	1,765,290

Total Withdrawals for May, 1961 were 1,895,773 M Cu. Ft.

PRODUCERS REPORT—MONTH OF MAY, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	445	2,196		1,748		893
4	Bannatyne	8	1,083	1,317		1,111		1,289
4	Bear's Den	5	1,358	4,480		3,723		2,115
1	Belfry	1	103	742		600		245
1	Benrud	1	558	659	809			408
11	Big Wall	29	3,412	29,232	27,962	1,333		3,349
11	Blackfoot	16	3,130	10,316		9,230	6	4,210
5	Border	5	60	1,244		1,114		190
1	Bowes	74	5,428	15,733	15,910			5,251
1	Brady	1		127		127		
2	Bredette North	2	1,392	714				2,106
2	Cabin Creek	104	6,463	298,197	211,939	74,362		18,359
15	Cat Creek	86	3,276	18,927	19,117			3,086
1	Clark's Fork North	1		954		954		
1	Cupton	1	281	1,089				1,370
219	Cut Bank	1,116	126,318	169,937	171,289		19	124,947
3	Deer Creek	6	3,469	14,754	14,459			3,764
2	Delphia	2	607	777	557		143	684
	Devil's Basin		889					889
4	Dry Creek	4	828	1,089	867			1,050
20	Dwyer	21	10,082	82,271	52,754	26,747	277	12,575
7	Elk Basin	59	3,170	302,861	302,472			3,559
2	Fertile Prairie	2	726	1,294				2,020
2	Flat Coulee	7	1,047	3,624		3,057		1,614
2	Frannie	2	391	1,615	1,618			388
2	Gage	2	670	1,046	737			979
3	Gas City	10	7,639	73,756	75,349		664	5,382
6	Glendive	11	2,725	40,445	40,506			2,664
1	Graben Coulee	1	124	626	629			121
4	Gypsy Basin	4	1,344	1,719	661		428	1,974
2	Hibbard	3	445	2,055		1,603		897
9	Ivanhoe	18	3,576	36,201	34,019		20	5,738
5	Keg Coulee	12	4,463	43,939	43,585			4,817
143	Kevin Sunburst	947	21,366	54,513	55,901			19,978
2	Little Beaver	22	2,408	33,641	32,640			3,409
4	Little Beaver, East	11	2,674	30,173	29,358		238	3,251
4	Lookout Butte	14		85,042	82,090			2,952
	Mackay Dome		770					770
3	Melstone	8	1,665	3,554	3,935			1,284
6	Monarch	14	4,854	21,831	21,785			4,900
4	Mosser	4		588		588		
7	Outlook	11	6,859	37,417	33,653			10,623
3	Outlook, South	3	1,576	2,805	2,203			2,178
22	Pennel	35	9,462	114,941	111,951			12,452
5	Pine	151	15,023	388,049	378,380		350	24,342
74	Pondera	306	8,450	38,407	39,085			7,772
1	Pondera Coulee	1	144	199	199			144
6	Poplar, East	88	18,579	154,172	156,842		23	15,886
3	Poplar, Northwest	4	1,567	1,473	1,635			1,405
4	Ragged Point	13	2,478	15,527	14,813			3,192
3	Reagan	42	3,353	17,525	17,573			3,305
13	Red Creek	25	6,420	38,588	39,972			5,036
1	Redstone	1	296	1,026	891			431
1	Repeat	1	546	1,640	1,640			546
5	Richey	11	4,014	7,938	6,600			5,352
2	Richey, Southwest	3	1,691	13,368	14,162			897
4	Sand Creek	5	4,462	11,152	11,898			3,716
2	Sevenmile	3		14,766	14,766			
5	Sidney-Brorson	5	4,390	6,772		6,134		5,028
2	Snyder	4	1,474	1,433		816		2,091
5	Soap Creek	9	5,999	4,777		4,954		5,822
10	Stensvad	25	8,203	73,205	73,329			8,079
31	Sumatra	97	14,882	194,732	195,870		144	13,600
6	Tule Creek	8	2,802	69,246	65,493			6,555
14	Whitlash	36	6,111	13,236	13,892			5,455
11	Wills Creek	17	2,792	30,932	30,654			3,070
9	Wolf Springs	18	4,809	23,616	24,090			4,335
2	Woodrow	2	502	1,375	946			931
771		3,562	366,123	2,671,595	2,491,485	138,201	2,312	405,720

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
April, 1962	2,566,543	85,551	2,581,869	86,062
May, 1962	2,671,595	86,180	2,629,686	84,828

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
April, 1962	366,123	936,698	743,997	2,046,818
May, 1962	405,720	1,057,297	686,225	2,149,242

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF MAY, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			1,748				1,748		
BANNATYNE—Truck			1,111			1,111			
BELFRY—Truck			600				600		
BIG WALL									
Truck	559		1,333			1,892			
Glacier Pipe Line Co.		27,960				27,960			
	559	27,960	1,333			29,852			
BLACKFOOT—Union Oil Co.			9,230			9,230			
BORDER—Truck			1,114			1,114			
BOWES—Texaco, Inc.		15,910				15,910			
BRADY—Truck			127			127			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	292,916	900,406		570,615			1,391,653		372,284
Shell Pipe Line Corp.	5,170	127,590	74,362		1,857			202,730	2,535
	298,086	1,027,996	74,362	570,615	1,857		1,391,653	202,730	374,819
CAT CREEK—									
Glacier Pipe Line Co.		16,345				16,345			
CLARK'S FORK—Truck			954				954		
CUT BANK, GRABEN COULEE, PONDERA COULEE AND GYPSY BASIN									
Big West Oil Co.		11,571						11,571	
Darling Gathering System, Inc.	1,760	7,989						6,865	2,884
Glacier Pipe Line Co.				97,410			97,410		
Phillips Petroleum Co.	74,902	57,433		17,659	(307)	27,532		20,801	101,968
Texas Pipe Line Co.	49,257	21,549		29,534	2,324			52,749	45,267
Teton Pipe Line Corp.	19,387	34,374		39,972				73,733	20,000
Union Oil Co.	91,216	55,313		52,918	(485)	101,659			98,273
	236,522	188,229		237,493	1,532	129,191	97,410	165,719	268,392
DELPHIA—Glacier Pipe Line Co.		557					557		
DRY CREEK—									
Marathon Pipe Line Co.	9,860	867			(35)			2,930	7,832
DWYER—Truck	1,291		26,747					26,647	1,391
ELK BASIN—Ohio Oil Co.		302,472				217,726	84,746		
FRANNIE—Ohio Oil Co.		1,618				1,618			
GAGE—Glacier Pipe Line Co.		739					739		
GLENDIVE, DEER CREEK, WOODROW, SAND CREEK AND SEVENMILE									
The Texas Pipe Line Co.	3,423	82,379			(587)	1,384		79,005	6,000
HIBBARD—Truck			1,603			1,603			
IVANHOE—Glacier Pipe Line Co.		36,535					36,535		
KEG COULEE—									
Glacier Pipe Line Co.		43,042				20,337	22,705		
KEVIN-SUNBURST—									
Big West Oil Co.	3,162	68,738				68,116			3,784
Homestake Oil & Gas Co.	1,800	2,499		6,865		8,969			2,195
The Texas Pipe Line Co.	5,696	24,453			264	9,258		14,931	5,696
	10,658	95,690		6,865	264	86,343		14,931	11,675
MELSTONE—									
Glacier Pipe Line Co.		3,935				3,935			
MOSSER—Truck			588				588		
PONDERA—Phillips Petr. Co.	34,860	41,185			(75)	19,799			56,321
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK									
East Poplar Gathering System	19,976	293,620			(1,628)			283,039#	32,185
RAGGED POINT—									
Glacier Pipe Line Co.		14,915					14,915		
REAGAN—Union Oil Co.		17,593				17,593			
RED CREEK—									
Teton Pipeline Corp.		39,972						39,972	
SIDNEY-BRORSON, Truck			6,134				6,134		
SNYDER—Truck	1,651		816			2,467			
SOAP CREEK—Truck	7,612		4,954			3,943			8,623
SUMATRA AND STENSVAD—									
Crude Oil Pipe Line, Inc.	20,108	13,737				18,597			15,248
Glacier Pipe Line Co.	279,250	255,941			(1,313)	250,849	23,652		262,003
	299,358	269,678			(1,313)	269,446	23,652		277,251
SWEETGRASS HILLS—Truck			6,780			6,780			
WHITLASH—Truck		13,513				13,513			
Homestake Oil & Cas Co.		379				379			
		13,892				13,892			
WOLF SPRINGS—									
Crude Oil Pipe Line, Inc.	12,842	24,090				24,124			12,808
TOTALS	936,698	1,559,219	138,201	814,973	15	893,870	1,682,936	814,973	1,057,297

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey, and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1962

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co ,.Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Blackfoot									1,746	1,746
Bowes			11,314							11,314
Cat Creek		15,119		110		3,034				18,263
Cut Bank								27,532	81,549	109,081
Dry Creek				2,268						2,268
Elk Basin		120,395			97,331					217,726
Hibbard						1,525				1,525
Kevin Sunburst	83,117									83,117
Pondera								20,552	881	21,433
Reagan									17,573	17,573
Red Creek					21,735					21,735
Richey, S. W.							15,050			15,050
Sumatra & Stensvad		626		223,641	41,850					266,117
Tule Creek							12,928			12,928
Wolf Springs					16,554					16,554
Total Montana Oil	83,117	136,140	11,314	226,019	177,470	4,559	27,978	48,084	101,749	816,430
Canadian Oil Imported			9,949						4,996	14,945
Wyoming Oil Imported		114,508		309,322	794,854	4,351				1,223,035
Total Montana, Canadian & Wyoming Oil	83,117	250,648	21,263	535,341	972,324	8,910	27,978	48,084	106,745	2,054,410

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1961	26,841	90	38,461	65,392
May, 1961	23,211	104	35,451	58,766
May, 1962	26,336	483	39,452	66,271

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1961	41.04%	.15%	58.81%
May, 1961	39.49%	.19%	60.32%
May, 1962	39.74%	.73%	59.53%

Montana School of Mines
Attn: Mrs. Peck, Librarian
Butte, Montana